Form 3160-3 (July 1992)

UNITED S.ATES DEPARTMENT OF THE INTERIOR

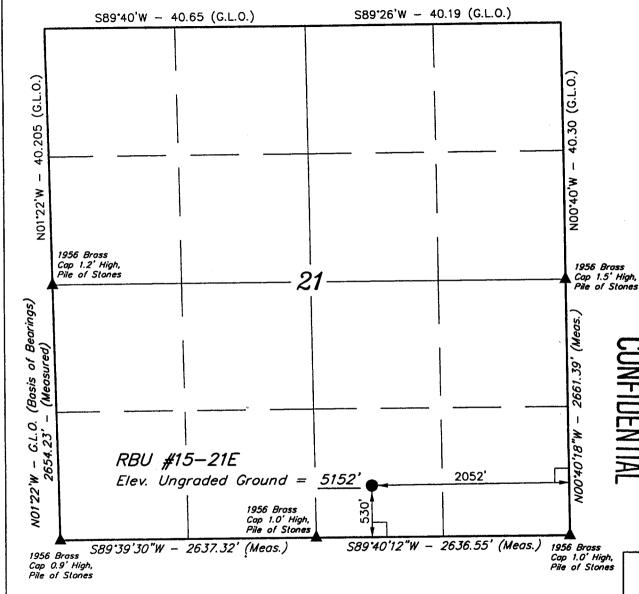
SUBMIT IN TRIPLIC!
(Other instructions o, reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

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1a. TYPE OF WORK	LICA	1011	OKIL	CIVILI TO DICI	LL OR DE	EPEN		4	
	DRILL	\boxtimes		DEEPEN 🗌				7. UNIT AGREEMENT NAME	3
b. TYPE OF WELL		_						RIVER BENI	LINIT
OIL U	GAS WELL	⊠ or	THER		SINGLE ZONE	MULTI	LE 🖂	8. FARM OR LEASE NAME,	
2. NAME OF OPERATOR	WELL				ZOINE	ZONE			
DOMINION EXPLO	ארורא מר	J & DD∩	DUCTION	INC				RBU 15-2	!IE
3. ADDRESS AND TELEF		T&TRO	DUCTION,	1110.		············		-	
16945 NORTHCHA	SE DRIV	E. SUITI	E 1750 HOU	ISTON, TEXAS 77	7060			10. FIELD AND POOL, OR WII	DCAT
4. LOCATION OF WELL (·			NATURAL B	
At surface					442009	13 N	,	11. SEC., T., R., M., OR BLK.	OTTES.
530' FSL & 2052' FI					442009	85 E		AND SURVEY OR AREA	
At proposed prod. zor	ne				0000			SW SE Sec. 21, T	10S. R19E
14 DISTANCE DIAGRAGA	AND DIRECT	1011 FD0141	TAREST TOWN	On poor operant					
14. DISTANCE IN MILES A		ION FROM N	IEAKESI IOWN	OR POST OFFICE*				12. COUNTY OR PARISH	13. STATE
23.5 miles SW of Ou				16. NO. OF ACR	ES IN I BASE		17 20 (UINTAH DF ACRES ASSIGNED	UTAH
LOCATION TO NEARE PROPERTY OF LEASE	ST		530'	IO. NO. OF ACK	CO IN CEASE			HIS WELL	
(Also to nearest drlg.		ny)			640			40	
18. DISTANCE FROM PRO TO NEAREST WELL, D			2100'	19. PROPOSED	DEPTH		20. ROTA	ARY OR CABLE TOOLS	
OR APPLIED FOR, ON	THIS LEASE,	FT.	2100		10,500'			ROTARY	
21. ELEVATIONS (Show v	vhether DF,	RT, GR, etc	.)					22. APPROX. DATE WORK WIL	L START*
GR: 5152'					*			MAY 12, 2	001
23.			F	ROPOSED CASING	AND CEMENT	TNG PROGE	RAM		
SIZE OF HOLE	GRAD	E CIZE OF (·	WEIGHT PER FOOT	-,				
17-1/2"		E, SIZE OF (54.5#	SEITI	NG DEPTH	Conduct	QUANTITY OF CEMENT	
12-1/4"		(-55; 8-5/	- 1	24#, 32#	3	,000'		or; Cement to surface	
7-7/8"		I-80; 5-1/		17.0#		,500'		ks; Cement to surface	
Thirteen point surfac	•	•	•	approval of aperati	,	,	1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	no, committee surface	
_	•								
Dominion requests th	at this co	mplete ap	oplication for	permit to drill be h	eld confidenti	al.			
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						•		JEN IIIL	
IN ABOVE SPACE DESideepen directionally, give p	CRIBE PRO	POSED PE	ROGRAM: If	proposal is to deepen,	give data on prese	ent productive	zone and propo	osed new productive zone. If pr	oposal is to drill or
24.	O CONTROL CONTROL	Oli Subsuita	h /	measured and true verue	ai depins. Give bio	wout preventer	program, if any		
STORTED A	in	(). T	(N) VI	· · · · · · · · · · · · · · · · · · ·	. D	egulatory S	iolist	1/-	- 2 2001
SIGNED	(CV) Of		Cux	TITLE	<u>, </u>	egulatory S	becialist	DATE Ma	y 3, 2001
(This space for Federal	or State off	ice use)			94	7		4	
	42	1123	442		38				
PERMIT NO.	121	17-5	1405			APPROVAL DA			
Application zapproval does	,		at the applicant l	olds legal or mittale tit	le to those rights in	the subject lea	se which would	entitle the applicant to conduct ope	rations thereon.
CONDITIONS OF APPRO	OVAL, IF AN	Y :	$\wedge \wedge$	A PA					
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APPROVED BY	ed lo			TIT R	<u>ECLAMATIC</u>	N SPEC	IALIST III	PATE	
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the united statements or representations as to any matter within its jurisdiction.

T10S, R19E, S.L.B.&M.

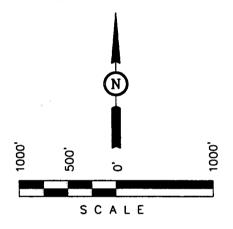


DOMINION EXPLR. & PROD., INC.

Well location, RBU #15-21E, located as shown in the SW 1/4 SE 1/4 of Section 21, T10S R19E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION ON A HILL TOP IN THE NE 1/4 OF SECTION 29, T10S, R19E, S.L.B.&M. TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5167 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE OF UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 -

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 3-2-01 4-6-01			
PARTY D.A. J.T. D.COX	REFERENCES G.L.O. PLAT			
WEATHER	FILE			
COOL	DOMINION EXPLR. & PROD., INC.			

LEGEND:

 $_{-}$ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

LATITUDE = 39'55'37" LONGITUDE = 109'47'04"

SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

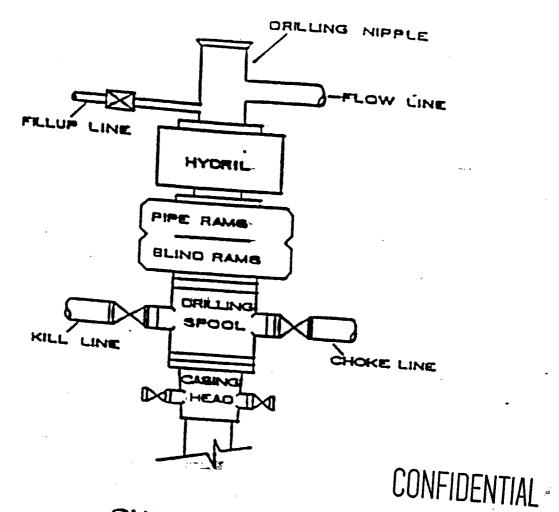
Please be advised that **Dominion Exploration & Production**, Inc. is considered to be the operator of Well No. 15-21E, located in the SW ¼ SE ¼ of Section 21, T10S, R19E in Uintah County; Lease No. 013765; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by *Travelers Casualty and Surety Company of America*, Bond #76S 63050 0330.

Diann Flowers

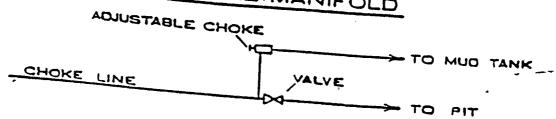
Regulatory Specialist

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BOP STACK



CHOKE MANIFOLD



DRILLING PLAN APPROVAL OF OPERATIONS

27-Apr-01

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

Four Greenspoint Plaza

16945 Northchase Drive, Suite 1750

Houston, Texas 77060-2133

Well Location:

RBU 15-21E

Uintah County, Ut

1 GEOLOGIC SURFACE FORMATION

Uintah

2 ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>	
Wasatch Tongue	4,015'	
Green Rvr. Tongue	4,380'	
Wasatch	4,537'	
Chapita Wells	5,230'	
Uteland Buttes	6,050'	
Mesaverde	7,500'	

3 ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Typé</u>
Wasatch Tongue	4,015'	Oil
Green Rvr. Tongue	4,380'	Oil
Wasatch	4,537'	Gas
Chapita Wells	5,230'	Gas
Uteland Buttes	6,050'	Gas
Mesaverde	7,500'	Gas

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4 PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	Conn.	<u> Top</u>	Bottom	<u>Hole</u>
Conductor	13 3/8"	54.5 ppf	K-55	STC	0'	84'	17 1/2"
Surface	8 5/8"	24.0 ppf	K-55	STC	0'	1,000'	12 1/4"
		32.0 ppf	K-55	LTC	1,000'	3,000'	12 1/4"
Production	5 1/2"	17.0 ppf	N-80	LTC	0'	10,500'	7 7/8"

5 OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

B.O.P. pressure rating required is 3,000 psi working pressure. (Will use 5,000 psi B.O.P. Equipment). \cdot Pipe rams will be operated daily and blind rams as possible.

6 MUD SYSTEM

KCL mud system will be used to drill well.

An air mist may be used to drill until first water is seen.

Interval	Density	Drilling M.A.S.P.	Production M.A.S.P.	<u>B.H.P.</u>
0' - 10.500'	9.6 ppg	2,580 psi	2,932 psi	4,969 psi

7 BLOOIE LINE

An automatic igniter will not be installed on blooie line.

A 90 degree targeted bend will be installed on blooie line about 50' from wellhead.

The blooie line discharge will remain 100' from the wellhead.

8 AUXILIARY EQUIPMENT TO BE USED

- A. Kelly Cock.
- B. Full opening valve with DRILL PIPE connection will be kept on floor.

Valve will be used when Kelly is not in string.

9 TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

A Drill Stem Test in the Wasatch Tongue is possible.

One electric line wire-log will be run from TD to surface.

The gamma ray will be left on to record from surface to TD.

Other log curves (Resistivities, Porosity, and Caliper) will record from TD to Surface casing.

A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10 ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

No abnormal pressures or temperatures are anticipated.

The formations to be penetrated do not contain known H₂S gas.

The anticipated bottom hole pressure is 4,969 psi.

11 WATER SUPPLY

No water pipelines will be laid for this well.

No water well will be drilled for this well.

Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.

Water will be hauled from:

Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

Uala

12 CEMENT SYSTEMS

A. Conductor Cement:

Ready mix cement filled from surface, prior to rig moving on.

B. Surface Casing Cement:

- a Drill 12 1/4" hole to +/- 3,000", run and cement 8 5/8" to surface.
- b Pump 20 bbls lightly water spacer followed by 5 bbls fresh water. Displace with any available water.
- c Run 1" tubing in annulus to ± 200' and cement to surface.
- d Note: Repeat Top Out until cement remains at surface.
- e Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

					<u>noie</u>	Cement	
<u>Type</u>	<u>Sacks</u>	Interval:	Density	<u>Yield</u>	Volume:	Volume:	Excess
Lead	620 Sx	0' - 2,500'	11.0 ppg	3.34 CFS	1,036 CF	2,071 CF	100%
Tail	380 Sx	2,500' - 3,000'	15.8 ppg	1.17 CFS	220 CF	445 CF	102%
Top Out	150 Sx	0' - 200'	15.8 ppg	1.17 CFS	87 CF	176 CF	102%

Lead Mix:

Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 6 lb/sk Inert Course Grannular LCM: Kol Seal, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica Fume high strength additive: BA90, 2% Calcium Chloride accelerator, 20.15 gps water

Pump Time: 4+ hours @ 130 °F.

Compressives @ 150 °F: 24 Hour is 375 psi

APD Page 2

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Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

Pump Time: 2 Hours @ 120 °F.

Compressives @ 120 °F: 24 Hour is 2,000 psi

Top Out:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

- C. Production Casing Cement:
- a Drill 7 7/8" hole to +/- 10,500", run and cement 5 1/2" to surface.
- b Lead/Tail cement interface is at 4,000', which is typically 500-1,000' above shallowest pay.
- c Pump 50 bbl Mud clean II unweighted spacer, followed by 10 Bbls 3% KCL spacer.
- d Displace with 3% KCl.

					<u>Hole</u>	Cement	
<u>Type</u>	<u>Sacks</u>	<u>Interval:</u>	Density	<u>Yield</u>	Volume:	Volume:	Excess
Lead	440 Sx	0' - 4,000'	11.5 ppg	2.85 CFS	1,036 CF	2,071 CF	1 CF
Tail	1,321 Sx	4,000' - 10,500'	13.0 ppg	1.51 CFS	1,136 CF	1,995 CF	76%

Lead Mix:

Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica Fume high strength ba-90, 3% Potassium Chloride clay inhibitor, 0.05 lb/sk Static Free anti foaming agent, 0.2% retarder, & 16.78 gps water

Pump Time: 5+ hours @ 155 °F. Fluid Loss is 240 cc / 30 minutes.

Compressives @ 200 °F: 24 Hour is 525 psi

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Tail Mix:

Prem Lite II HIGH STRENGTH Cement, 1/4 lb/sk Cellophane Flakes LCMI, 3% Potassium Chloride clay inhibitor, 0.7% fluid loss additive FL-52, 0.7% retarder r-3, & 16.78 gps water

Pump Time: 4 Hours @ 155 °F. Fluid Loss: is 100 cc / 30 minutes.

Compressives @ 130 °F: 24 Hour is 2,875 psi

13 ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

12-May-01

Duration:

28 Days

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>Dominion Exploration & Production, Inc.</u>

Well Name	& Nı	ımber:RBU 15-21E	
			CONFIDENTIAL
Lease Numb	per:_	<u>U-013765</u>	OOM IBENTIAL
Location:	SW	SESec21T10S	_ R. <u>19E</u>
Surface Owi	ners	nip: <u>BLM</u>	
		NOTIFICATION REQUIREMENTS	
Location Construction		forty-eight (48) hours prior to constructionds.	n of location and access
Location Completion	-	prior to moving on the drilling rig.	
Spud Notice	-	at least twenty-four (24) hours prior to spudo	ding the well.
Casing String and Cementing	-	twenty-four (24) hours prior to running casin cementing all casing strings.	g and
BOP and Related	-	twenty-four (24) hours prior to initiating presetests.	sure Equipment Tests
First Production Notice	-	within five (5) business days after new well to or production resumes after well has been on ninety (90) days.	

For more specific details on notification requirements, please check the Conditions of Approval

for Notice to Drill and Surface Use Program.

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirement to Accompany APD

- 1. <u>Existing Roads</u> describe the following and provide a legible map, labeled and showing:
 - a. Proposed wellsite as staked and access route to location, including distances from point where access route exists establish roads. (Actual staking should include tow directional reference stakes.) The proposed well site is located approximately 23.5 miles southwest of Ouray, Utah.
 - b. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road. From Vernal, proceed west on Highway 40 about 17 miles to Highway 88. Turn left on Highway 88 and proceed south about 16 miles to Ouray. Continue south on Sea Ridge Road for approximately 9.1 miles. Turn right on Turkey Trail and proceed 1.5 miles to Willow Creek. Turn left and proceed 1.8 miles then turn right across Willow Creek. Go 9.6 miles and turn left on access road.
 - c. Access road(s) to location color-coded or labeled. (See Topographic Map A & B for details.)
 - d. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.)
- Planned Access Roads--describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
 - a. Length 0.4 miles
 - b. Width 30 foot right-of-way with 18 foot running surface maximum.
 - c. Maximum grades None
 - d. Turnouts None

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- e. Drainage design Dry Creek
- f. Location and size of culverts and/or bridges, and brief description of any major cuts and fills None
- g. Surfacing material (source) None
- h. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities None

 (New or reconstructed reads are to be contenting floaged at time of legation stoking.)

(New or reconstructed roads are to be centerline-flagged at time of location staking.)

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

Right-of-Way Application needed: No

The operator/lessee or his/her successor shall be responsible for all maintenance on cattleguards or gates associated with this oil and/or gas operation.

- 3. <u>Location of Existing Wells</u> describe the following and provide a map or plat of all wells within a 1 mile radius of the proposed well location showing and identifying existing:
 - a. Water wells None
 - b. Abandoned wells None
 - c. Temporarily abandoned wells None
 - d. Disposal wells None
 - e. Drilling wells RBU 11-21E proposed only
 - f. Producing wells RBU 5-21E, RBU 7-21E, RBU 3-21E, RBU 1-21E, RBU 1-21EO, RBU 5-22E, RBU 11-22E, RBU 15-22E, RBU 13-22E and RBU 9-21E
 - g. Shut-in wells None
 - h. Injection wells None
- 4. Location of Existing and/or Proposed Facilities
 - a. On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production (detail painting plans and color if applicable):
 - (1) Tank batteries
 - (2) Production facilities
 - (3) Oil gathering lines
 - (4) Gas gathering lines (See exhibit D)
 - (5) Injection lines
 - (6) Disposal lines
 - (7) Surface pits After the well is hydraulically fraced, the well will be flowed back into the surface pits. After first production, a 300 bbl tank will be installed to contain produced waste water. Plans are to run a 2" line from the separator to the 300 bbl tank.

(Indicate if any of the above lines are buried.)

- b. Off well pad: Same as above. Off lease flowlines may require rights-of-way or special use permits, check with the District Office Realty Specialist. (Include a diagram of the proposed attendant lines, i.e., flowlines, powerlines, etc., if off well pad location.)
 - (1) Proposed location and attendant lines shall be flagged off of well pad prior to archaeological clearance.
 - (2) Dimensions of facilities
 - (3) Construction methods and materials
 - (4) Protective measures and devices to protect livestock and wildlife

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Note: Operator has option of submitting information under 4A and B, after well is completed for production, by applying for approval of subsequent operations.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

Tank batteries will be placed on the <u>Southwest end of location</u> All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match on of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. Location and Type of Water Supply

- a. Show location and type of water supply, either by 1/4, 1/4 section on a map or by written description Sec 9-T8S-R20E No. 43-10447
- b. State method of transporting water, and show any roads or pipelines needed.
- c. If water well is to be drilled on lease, so state.

 *The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

- a. Show information either on map or by written description <u>Surface and subsoil</u> materials in the immediate area will be utilized to build the location
- Identify if from Federal or Indian (tribal or allotted) land. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2.3. Construction material will not be located on lease.
- c. Describe where materials such as sand, gravel, stone, and soil material are to be obtained and used. No construction materials will be removed from Federal land.

*If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

*A mineral materials application (is/is not) required.

7. Methods of Handling Waste Disposal

- a. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:
 - (1) Cuttings bury in pit
 - (2) Sewage haul to sewer lagoon
 - (3) Garbage (trash) and other waste material haul to disposal
 - (4) Salts not used
 - (5) Chemicals non-toxic only; evaporate in pit

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After first production, produced waste water will be confined to an unlined or lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

- Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. <u>Haul off</u>
 All fluids will be hauled off by Ace Disposal & MCMC for disposal.
 - *Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.
- c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells with the NBU. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the NBU. Specific APDs shall address any modifications from this policy.

On BLM administered lands:

The reserve pit shall be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined with a 12 mil pit liner only under the following conditions:

- 1. If we have to blast the pit, or
- 2. If the non-blasted pit will not hold fluid.

If these conditions do not exist, we will not line the pit.

If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil in thickness.

After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

Camp facilities or airstrips will not be allowed unless otherwise approved.

- 9. Well Site Layout-provide a plat (not less than 1" = 50') showing:
 - a. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
 - Location of mud tanks, reserve, and flare pits, pipe racks, living facilities, and soil
 material stockpiles, etc. (Approval as used in this section means field approval of
 location.)
 - c. Rig orientation, parking areas, and access roads, etc.

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The reserve pit will be located on the: North side

The flare pit will be located downwind of the prevailing wind direction on the <u>Northeast side a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.</u>

The stockpiled topsoil (first four inches) will be stored on the: <u>around east edge of location between corners 6 and 8.</u>

Access to the well pad will be from the: west	
Diversion ditch(es) shall be constructed on theside of (above/below) the cut slope draining to the	
Soil compacted earthen berm(s) shall be placed on the	side(s) of the
The drainage(s) shall be diverted around thepad location.	side(s) of the wel
The reserve pit and/or pad location shall be constructed topographic reasons	_
The #2,6 & 8 corners of the well pad will be rounded off to minimize	excavation .
 During construction efforts will be made to prevent fill material fron nage on the south side of the location.	m being pushed into

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a. 39-inch net wire shall be used with at least one stand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- b. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.



- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguard (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. Plans for Restoration of Surface

a. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within ______6 months____ from the date of well completion. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

b. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership:

Additional Surface Stipulations

Access Road: BLM Location: BLM

"If the access road and/or location involves private or state agency owned surface, a copy of the surface owners agreement is required prior to approval of the APD."

12. Other Additional Information

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- a. The Operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places:
 - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - -a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible to mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- b. The operator will control noxious weeds along right-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- c. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- d. A 4" pipeline is proposed to run parallel to the access road, <u>approximately 2200'</u> until it ties into the main gathering system. See Exhibit <u>D</u>.

		_						
No	construction	or	drilling	activities	shall	be	conducted	between
and	d		beca	use of				

 No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting
 ground.
No construction or exploration activities are permitted within 1.5 mile radius of sage
grouse strutting grounds from April 1 to June 30.
There shall be no surface disturbance within 600 feet of live water (includes stock tanks,
springs, and guzzlers).
No cottonwood trees will be removed or damaged.
A silt catchment dam and basin will be constructed according to BLM specifications,
where flagged.

13. Lessee's or Operators Representative and Certification

Representative

CONFIDENTIAL

Name: Mitchiel Hall

Address: P. O. Box 1360 Roosevelt, Utah 84066

Phone No: (435) 722-4521

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by <u>Dominion Exploration & Production, Inc.</u> and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

May 3, 2001 Date David L. Linger, Onshore Drilling Manager
Name and Title

Onsite Date: April 26, 2001

Participants on Joint Inspection

Ed Trotter

Land Consultant

Stan Olmstad

DLIVI

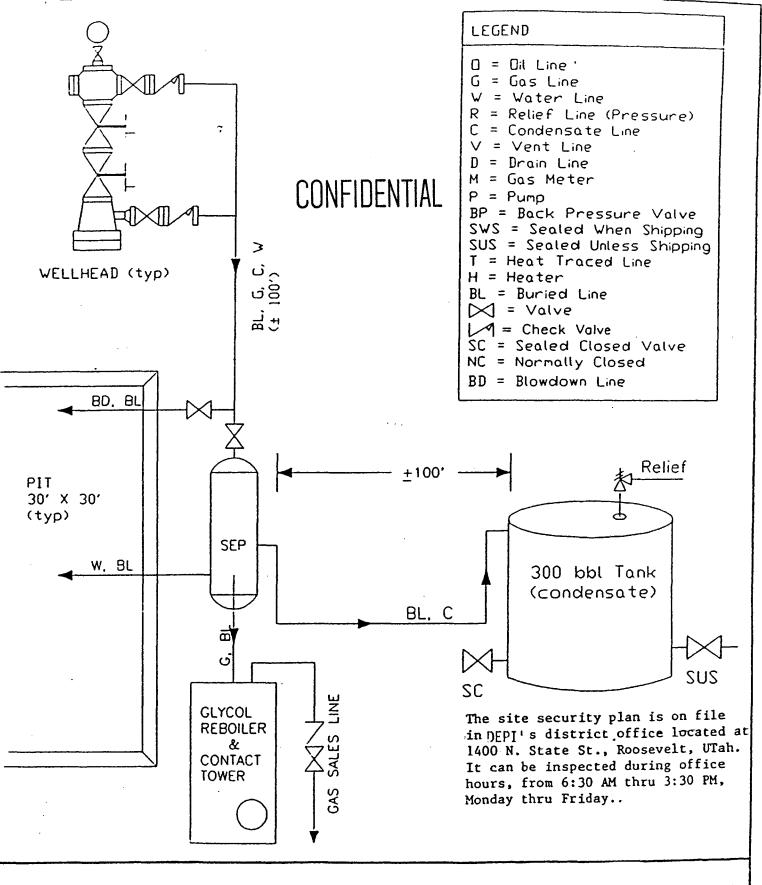
Gary Steeter Uintah Er

Uintah Engineering & Land Surveying

Chuck Wise Craig Obermueller Jackson Construction
Craigs Roustabout Service

Mitchiel Hall

Dominion Exploration & Production, Inc.

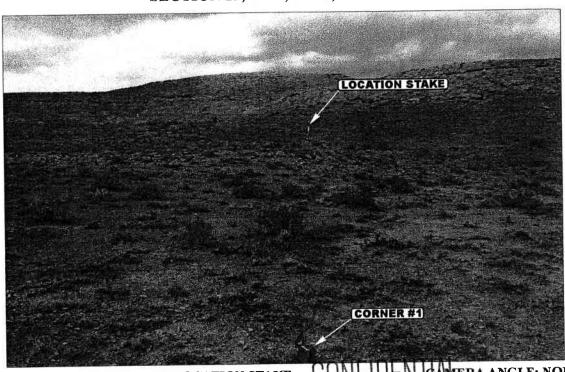


DOMINION EXPLORATION & PRODUCTION, INC.

√ell:	RIVER BEND FIELD, UINTA COUNTY	not to scale
.DR\ RBL\ FLOW1SEP	TYPICAL FLOW DIAGRAM	date: // .

DOMINION EXPLR. & PROD., INC.

RBU #15-21E LOCATED IN UINTAH COUNTY, UTAH SECTION 21, T10S, R19E, S.L.B.&M.



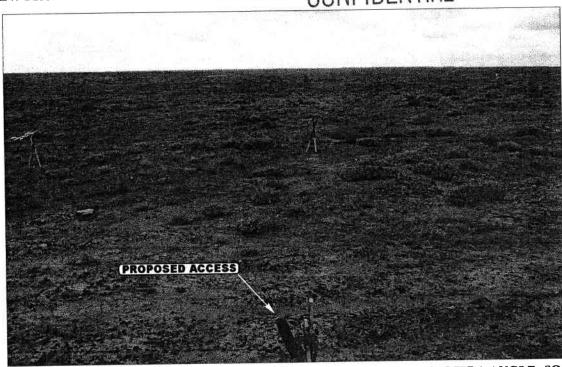


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

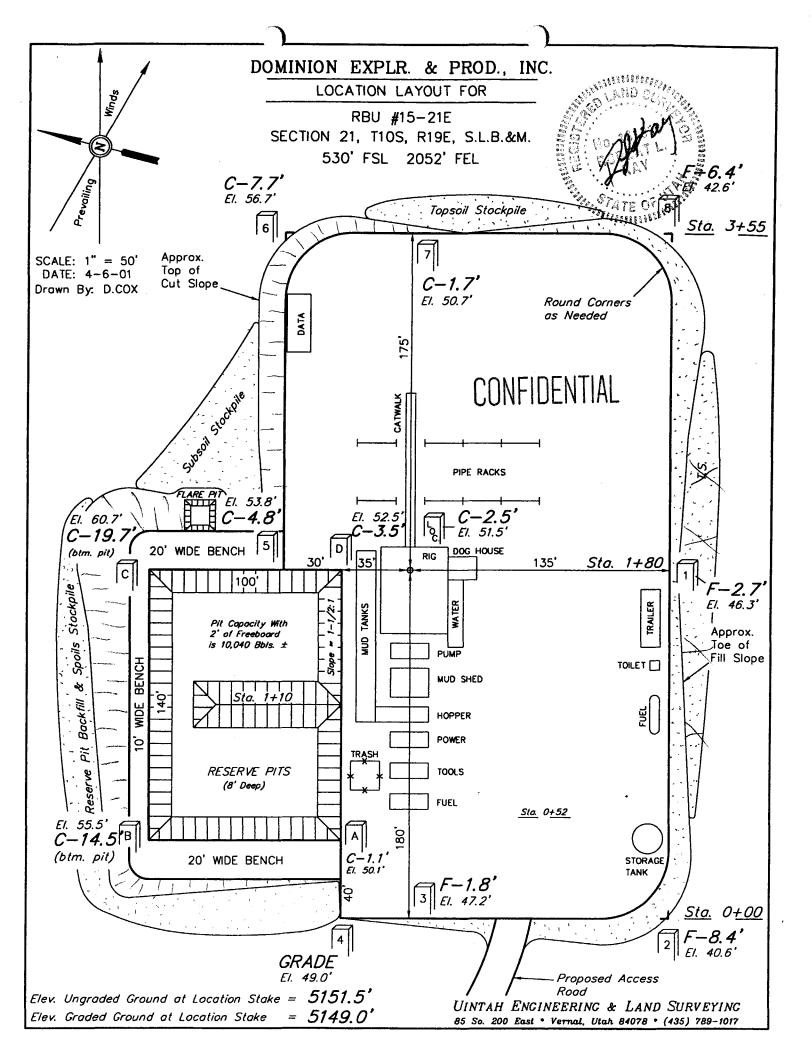
LOCATION PHOTOS

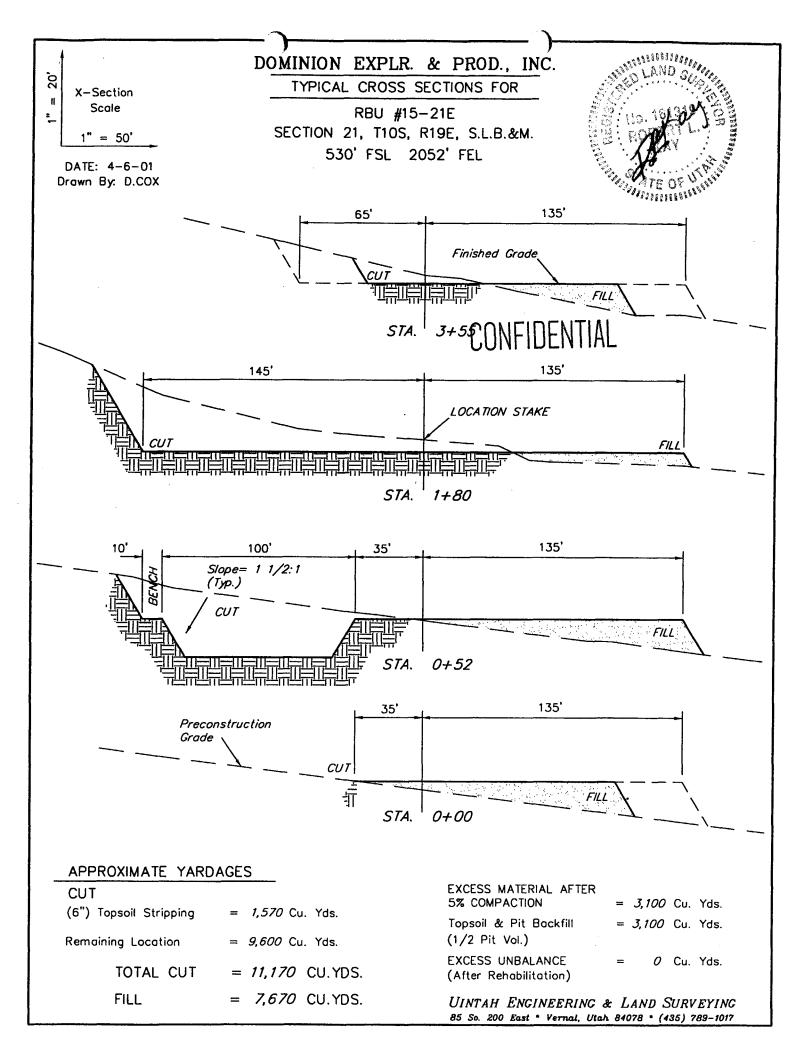
4 6 01 MONTH DAY YEAR

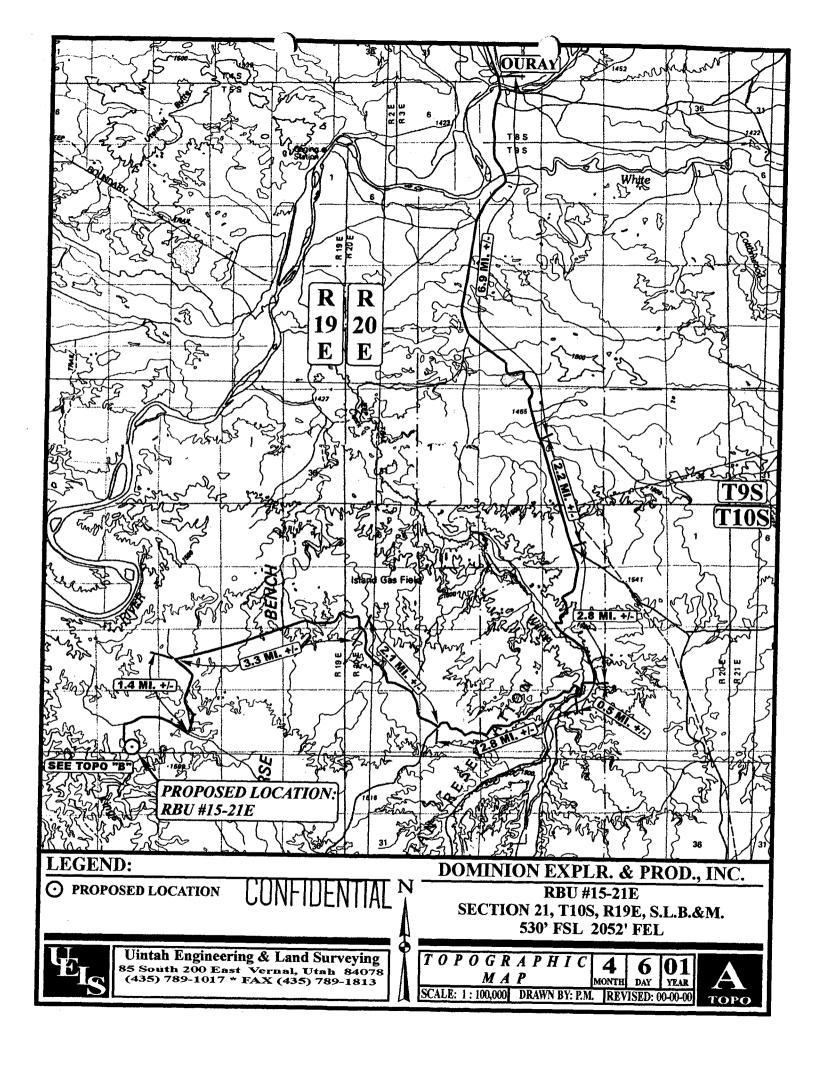
РНОТО

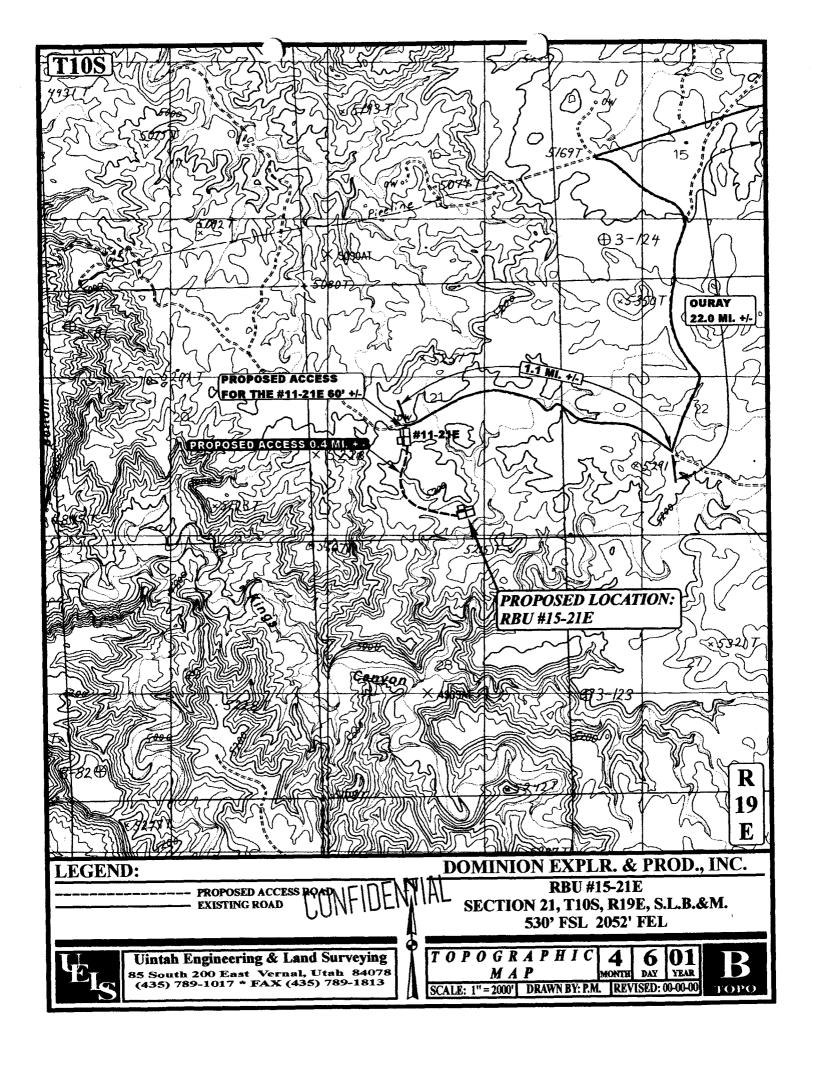
TAKEN BY: D.A. | DRAWN BY: P.M.

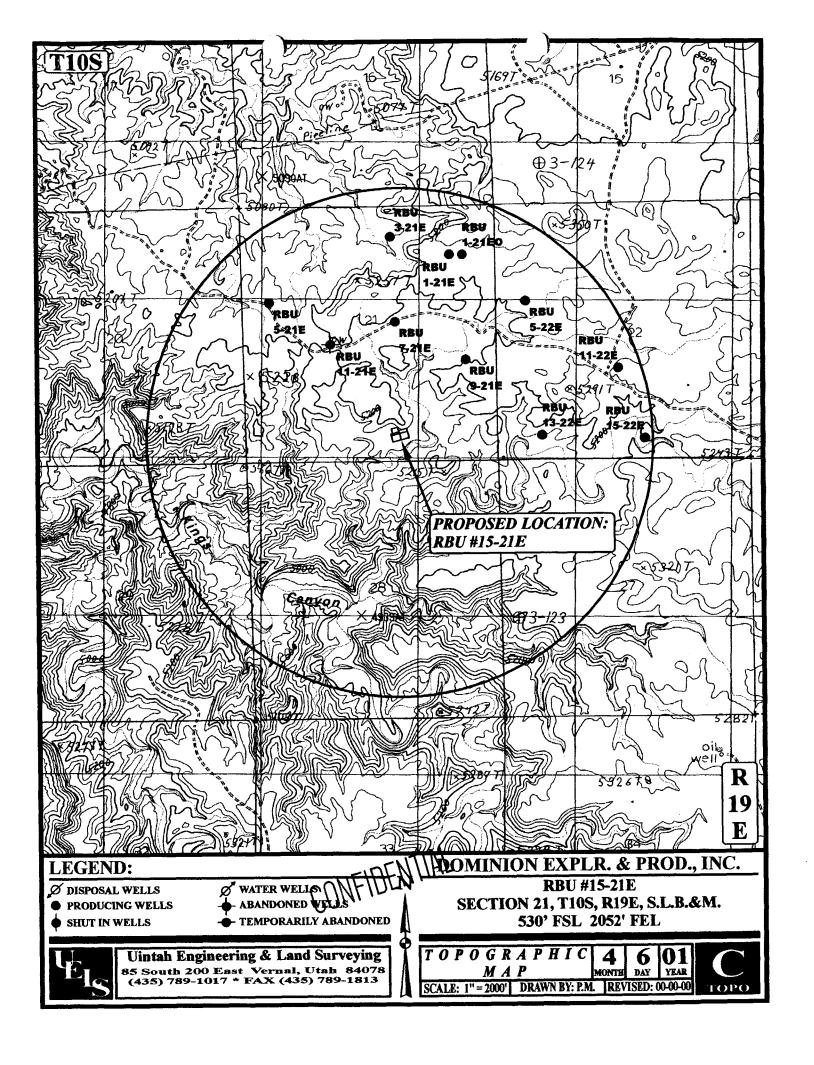
REVISED: 00-00-00

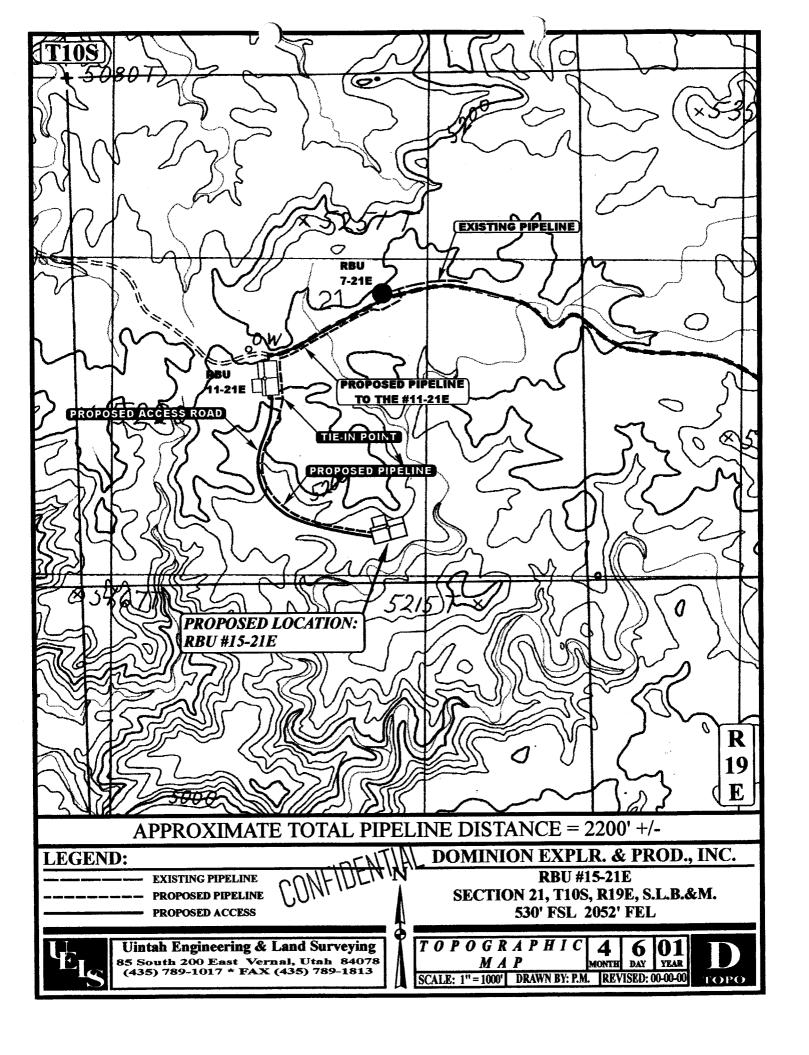












WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/07/2001	API NO. ASSIGNED: 43-047-34063			
WELL NAME: RBU 15-21E OPERATOR: DOMINION EXPL & PROD (N1095) CONTACT: DIANN FLOWERS	PHONE NUMBER: 281-873-3692			
PROPOSED LOCATION:	INSPECT LOCATN BY: / /			
SWSE 21 100S 190E SURFACE: 0530 FSL 2052 FEL	Tech Review Initials Date			
BOTTOM: 0530 FSL 2052 FEL	Engineering			
UINTAH NATURAL BUTTES (630)	Geology			
LEASE TYPE: 1 - Federal	Surface			
LEASE NUMBER: U-013765 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: MVRD				
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. 76S630500330) N Potash (Y/N) N Oil Shale (Y/N) *190-5 (B) or 190-3 Water Permit (No. 43-10447) N RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit RIVER BEND R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill			
COMMENTS:				
STIPULATIONS: (1) FROM APPROVAL				

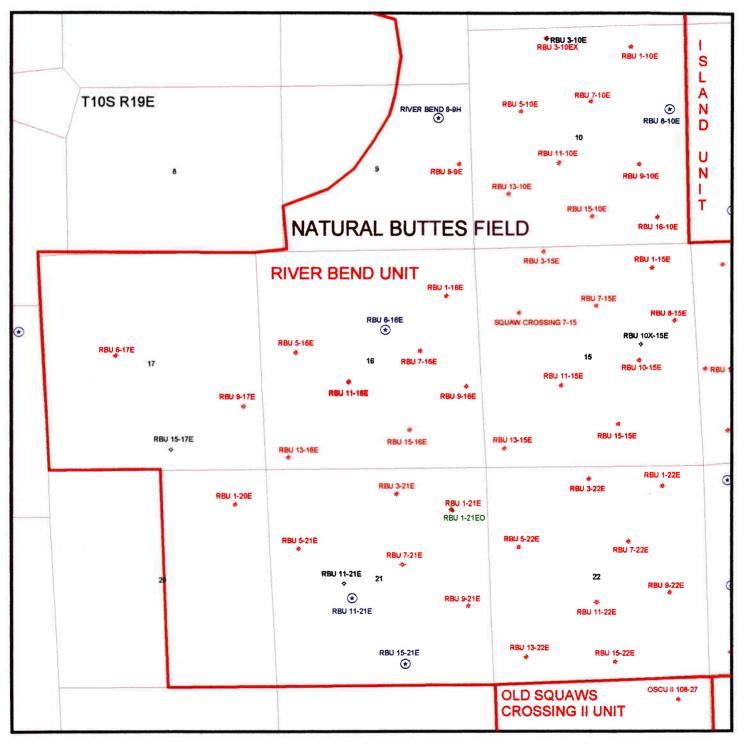


OPERATOR: DOMINION E&P INC (N1095)

SEC. 16 & 21, T10S, R19E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH UNIT: RIVER BEND



PREPARED BY: LCORDOVA DATE: 9-MAY-2001

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

May 9, 2001

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2001 Plan of Development River Bend Unit,

Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the River Bend Unit, Uintah County, Utah.

Api Number

Well

Location

(Proposed PZ Wasatch/Mesa Verde)

43-047-34062 RBU 11-21EX Sec. 21, T10S, R19E 2134 FSL 1971 FWL 43-047-34063 RBU 15-21E Sec. 21, T10S, R19E 0530 FSL 2052 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - River Bend Unit

Division of Oil Gas and Mining

Agr. Sec. Chron Fluid Chron

MCoulthard:mc:5-9-1



Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

May 10, 2001

Dominion Exploration & Production, Inc. 16945 Northchase Dr, Suite 1750 Houston, TX 77060

Re:

River Bend Unit 15-21E Well, 530' FSL, 2052' FEL, SW SE, Sec. 21, T. 10 South,

R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34063.

Sincerely,

John R. Baza

Associate Director

er

Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:		Dominion Exploration & Production, Inc.				
Well Name & Number_		River Bend Unit 15-21E				
API Number:		43-047-34063				
Lease:		U 013765				
Location: SW SE	Sec. 21	T. 10 South	R. 19 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-5				
(August, 1999)				

STATES DEPARTMEN' JF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED				
	ON	AB No.	1004	l-01.	35
_			_		

006

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

Expires: November 30, 2000

U-013765	
If Indian, Allottee or Tribe Name	

abandoned well. Use Form 3160-3 (APD) for such proposals.						
SUBMIT IN TRIPLICATE -	Other Instruction	s on reverse side		7. If Unit or (CA/Agreement, Name	e and/or No.
1. Type of Well	00	AICIDEAITI	a 1	0 111 1131	127	
Oil Well X Gas Well Ot	her <u>[</u>	NEIDENII		8. Well Name		
2. Name of Operator		,		RBU 9. API Well I	J 15-21E	***
Dominion Exploration & Production, Inc.						
3a. Address Suite 600	72424	3b. Phone No. (included)	•		47-34063 Pool, or Exploratory	Area
14000 Quail Springs Parkway, OKC, OK 4. Location of Well (Footage, Sec., T., R., M., or Survey		(405) 749-52	03	Natural Buttes		
	-			11. County or Parish, State		
530' FSL & 2052' FEL, Sec. 21-	10S-19E			Uinta	ah, UT	
12. CHECK APPROPRIATE BOX(E	S) TO INDICATE	E NATURE OF N	OTICE, REPO	RT OR O	THER DATA	
TYPE OF SUBMISSION		TYPE	OF ACTION			
Notice of Intent	cidize	Deepen	Production (S	tart/Resume)	Water Shut-Off	
	Itering Casing	Fracture Treat	Reclamation		Well Integrity	
	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily A	handon	X Other Request for ex	rtension
	Convert to Injection	Plug Back	Water Dispos		Troquest for ex	tterision.
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLMBIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion in a new interval. a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) The APD for this well expired on May 10, 2002, with the state of Utah, the BLM has not approved this well. Dominion Exploration & Production, Inc. hereby requests a one year extension. Approved by the Utah Division of Oil, Gas and Mining Date: Date:						
14. I hereby certify that the foregoing is true and correct	Date.	0.00	E <u>Y</u>			
Name (Printed/Typed)	By:			- اسم	ton, Cn-si-li-4	
Carla Christian			Title	Regula	tory Specialist	
Signature (M)	stian		Date	6/20/20	002	
THIS SPACE	ERORINEDE	RAL OR STAT	R OFFICE	が開業	解散的4名/比较 。	
Approved by			Title			Date
Conditions of approval, if any, are attached. Appro	val of this notice do	es not warrant or				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.



JUN 2 4 2002



DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton
Division Director

801-359-3940 (Fax)
801-538-7223 (TDD)

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax)

May 16, 2003

Carla Christian Dominion Expl. & Prod. Inc. 14000 Quail Springs Pkwy Suite 600 Oklahoma City, OK 73134-2600

Re: APD Rescinded – RBU 15-21E, Sec. 21, T.10S, R.19E – Uintah County, Utah

API No. 43-047-34063

Dear Ms. Christian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on May 10, 2001. On June 25, 2002, the Division granted a one-year APD extension. The division received a letter dated May 13, 2003 requesting that the division rescind the approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective May 13, 2003.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Engineering Technician

Well File cc:

Bureau of Land Management, Vernal



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office 170 South 500 East Vernal, Utah 84078-2799

Phone: (435) 781-4400 Fax: (435) 781-4410

IN REPLY REFER TO: 3160 UT08300

June 2, 2003

Carla Christian Dominion Expl. & Prod., Inc. 14000 Quail Springs PKWY #600 Oklahoma City, OK 73134-2600

Re: Well No. RBU 15-21E

SWSE, Sec. 21, T10S, R19E

Uintah County, Utah Lease No. U-013766 River Bend WS MV AB

Dear Ms. Christian:

The Application for Permit to Drill (APD) the above referenced well submitted May 14, 2001, is being returned unapproved per your letter dated May 13, 2003. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions concerning APD processing, please contact me at (435) 781-4497.

Sincerely,

Leslie Walker

Legal Instruments Examiner

cc: UDOGM - Diana Mason

RECEIVED

JUN 1 1 2003

DIV. OF OIL, GAS & MINING